TENT COOPERATION TREATY **PCT**

FC'D 18 FEB 2005 WIPO PCT

INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY (Chapter II of the Patent Cooperation Treaty)

(PCT Article 36 and Rule 70)

05 JUL 2005

Applicant's or agent's file reference	EXAMPLE A CONTRACT			
LA-7353-101.PC	FOR FURTHER ACTION	See Form PCT/IPEA/416		
International application No.	International filing date (day/month/year)	Priority date (day/month/year)		
PCT/US04/01468	21 January 2004 (21.01.2004)	21 January 2003 (21.01.2003)		
International Patent Classification (IPC				
IPC(7): A61K 38/00 and US Cl.: 514. Applicant	12			
1				
GENERBON BIOPHARMACEUTIC				
 This report is the international preliminary examination report, established by this International Preliminary Examining Authority under Article 35 and transmitted to the applicant according to Article 36. 				
2. This REPORT consists of a total of 4 sheets, including this cover sheet.				
3. This report is also accompanied by ANNEXES, comprising:				
a. [] (sent to the appli	cant and to the International Bureau) a total o	f sheets, as follows:		
	ne description, claims and/or drawings which			
of this rep	ort and/or sheets containing rectifications au	thorized by this Authority (see Rule		
70.16 and	Section 607 of the Administrative Instructions).		
sheets which supersede earlier sheets, but which this Authority considers contain an				
amendmen indicated in	that goes beyond the disclosure in the	international application as filed, as		
indicated in item 4 of Box No. I and the Supplemental Box. b. (sent to the International Bureau only) a total of (indicate type and number of electronic				
carrier(s))	the International Bureau only) a total of (i	ndicate type and number of electronic		
	ng a sequence listing and/or tables related the	reto in committee readable form only		
as indicated in	the Supplemental Box Relating to Sequen	ace Listing (see Section 802 of the		
Administrative	instructions).	3 (
4. This report contains ind	cations relating to the following items:			
[Z]	Basis of the report			
Box No. II	Priority			
Box No. III	Non-establishment of opinion with regard to n	ovelty, inventive step and industrial		
	pplicability			
Box No. IV	ack of unity of invention			
Box No. V				
l l	industrial applicability; citations and explanations supporting such statement Box No. VI Certain documents cited			
Box No. VII	Certain defects in the international application			
	Certain observations on the international applic	cation		
Date of submission of the demand	Date of completion			
22 July 2004 (22 07 2004)	A4.7 2005 m.			
22 July 2004 (22.07.2004) Name and mailing address of the IPEA/ US Authorize		.01.2005)		
Mail Stop PCT, Attn: IPEA/US	Authorized officer	ļ		
Commissioner for Patents				
Alexandria, Virginia 22313-1450				
Facsimile No. (703) 305-3230 Telephone No. 572-272-0960				

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International appli	No.
PCT/US04/01468	

	101/0304/01408		
Box No. I Basis of the report			
 With regard to the language, this report is based on the international filed, unless otherwise indicated under this item. 	application in the language in which it was		
This report is based on translations from the original language into the following language, which is the language of a translation furnished for the purposes of:			
international search (under Rules 12.3 and 23.1(b))			
publication of the international application (under Rule 12.	4)		
international preliminary examination (under Rules 55.2 and	•		
2. With regard to the elements of the international application, this report is based on (replacement sheets which have been furnished to the receiving Office in response to an invitation under Article 14 are referred to in this report as "originally filed" and are not annexed to this report):			
the international application as originally filed/furnished			
the description:			
pages 1-27 as originally filed/furnished			
pages* NONE received by this Authority on pages* NONE received by this Authority on			
the claims:			
pages 28-30 as originally filed/furnished			
pages* NONE as amended (together with any statement) pages* NONE received by this Authority on	under Article 19		
the drawings:	·		
pages 1-5 as originally filed/furnished			
pages* NONE received by this Authority on pages* NONE received by this Authority on			
a sequence listing and/or any related table(s) - see Supplemental I	Box Relating to Sequence Listing.		
3. The amendments have resulted in the cancellation of:			
the description, pages NONE			
the claims, Nos_NONE			
the drawings, sheets/figs NONE	· · · · · · · · · · · · · · · · · · ·		
the sequence listing (specify): NONE			
any table(s) related to the sequence listing (specify): NON	<u> </u>		
4. This report has been established as if (some of) the amendments annexed since they have been considered to go beyond the disclosure as filed, as it	to this report and listed below had not been made, indicated in the Supplemental Box (Rule 70.2(c)).		
the description, pages			
the claims, Nos			
the drawings, sheets/figs	· ·		
the sequence listing (specify):			
any table(s) related to the sequence listing (specify):			
* If item 4 applies, some or all of those sheets may be marked "superseded."			
Form PCT/IPEA/409 (Box No. I) (January 2004)			



International application No. PCT/US04/01468

Day M. W. Day and J. J. L.	0.7(0)		
Box No. V Reasoned statement under Artic applicability; citations and expla	le 35(2) wit nations su	th regard to novelty, inventive step or industrial pporting such statement	
1. Statement			
Novelty (N)	Claims	1-31	YES
		NONE	NO
Inventive Step (IS)	Claims	1-31	YES
-		NONE	NO
Industrial Applicability (IA)	Claims	1-31	YES
		NONE	NO
2. Citations and Explanations (Rule 70.7)			
therewith, are novel under PCT Article 33(2). A sequence as a sequence as a sequence as a sequence of 309,877 B1 and US Publication US 2002/0086831 percent identical/conservatively substituted fragments/ 1 peptide analgoues (and dependencies including all the Claims 1-31, as drawn to the invention above, thus also obvious (routine optimization for one of ordinary skill in view of the teachings of Applicant's previous US 6	nence search compositions A1 generally analogues we limitations to involves a in the art) to 309,877 B1	as well as methods of using any these peptides or composition of SEQ ID NOS: 1-7, did not find that the prior art of retherewith, or methods using either. Only Applicant's or teach SEQ ID NO: 1 (recited therein as SEQ ID NO: 4 hich do not (teach or reasonably suggest) the presently of of claim 1), or compositions, or methods of using such in inventive step under PCT Article 33(3). It would not be have arrive at the subject matter claimed in the present or US 2002/0086831. Since the peptides and compositions thereof may be used	ecord wn US) and claimed clain have been invention,

Form PCT/IPEA/409 (Box No. V) (January 2004)



	International application
- [DCT//1004/01469

Supplemental Box Relating to Sequence Listing			
Continuation of Box No. I, item 2:			
1. With regard to any nucleotide and/or amino acid sequence disclosed in the international application and necessary to the claimed invention, this opinion was established on the basis of:			
a. type of material			
a sequence listing			
table(s) related to the sequence listing			
b. format of material			
in written format			
in computer readable form			
c. time of filing/furnishing			
contained in the international application as filed			
filed together with the international application in computer readable form			
furnished subsequently to this Authority for the purposes of search and/or examination			
received by this Authority as an amendment* on			
2. In addition, in the case that more than one version or copy of a sequence listing and/or table(s) relating thereto has been filed or furnished, the required statements that the information in the subsequent or additional copies is identical to that in the application as filed or does not go beyond the application as filed, as appropriate, were furnished.			
3. Additional comments:			
* If item 4 in Box No. I applies, the listing and/or table(s) related thereto, which form part of the basis of the report, may be marked "superseded."			